



Graphic Designer

Technical Information Department

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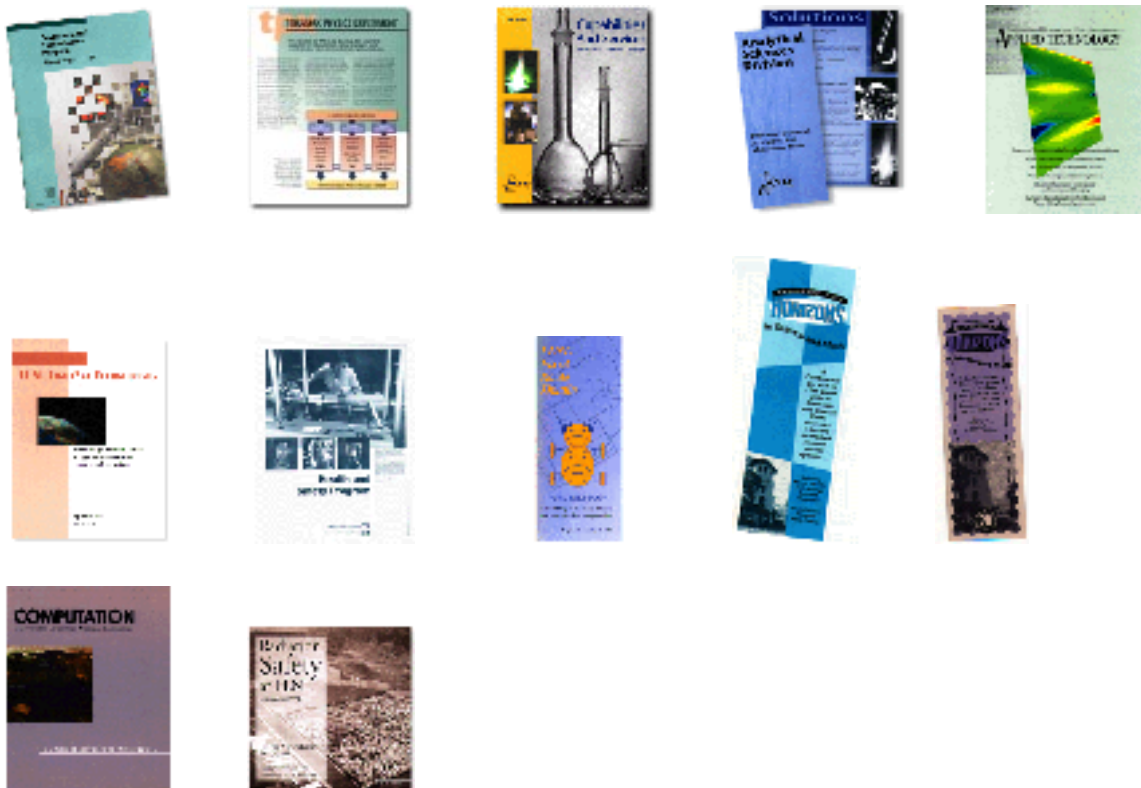
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These are projects that were designed and produced for offset printing. They were produced for a variety of customers, purposes, budgets and deadlines. Some have been converted to electronic publications.

Click on an image to find out more about the project.



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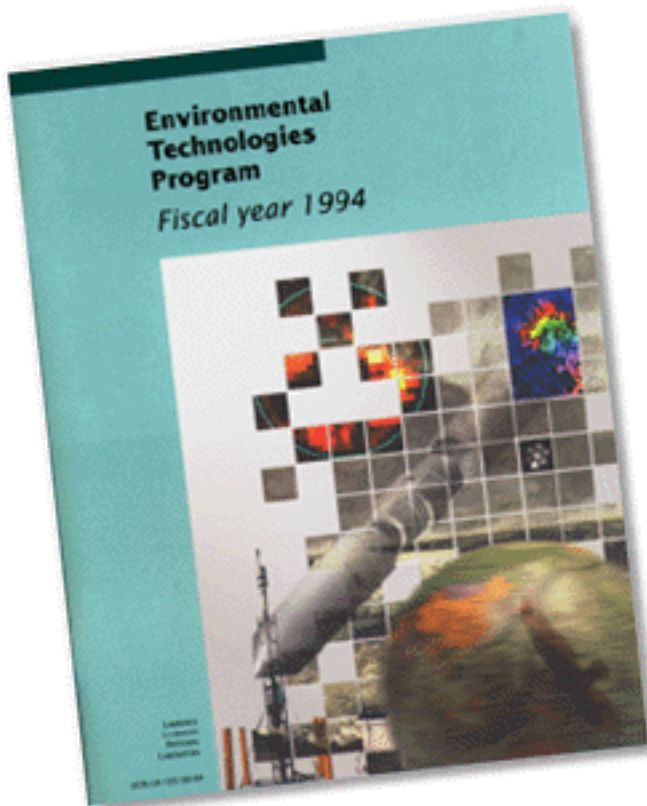
Illustration

On-Line

Other

Previous

Next



Environmental Technologies Program

Annual report FY94

8.5 x 11 inches, 5 colors, 56 pages

Audience: scientific and technical

My role: graphic design, illustration, page layout

Editor: Cynthia Talaber

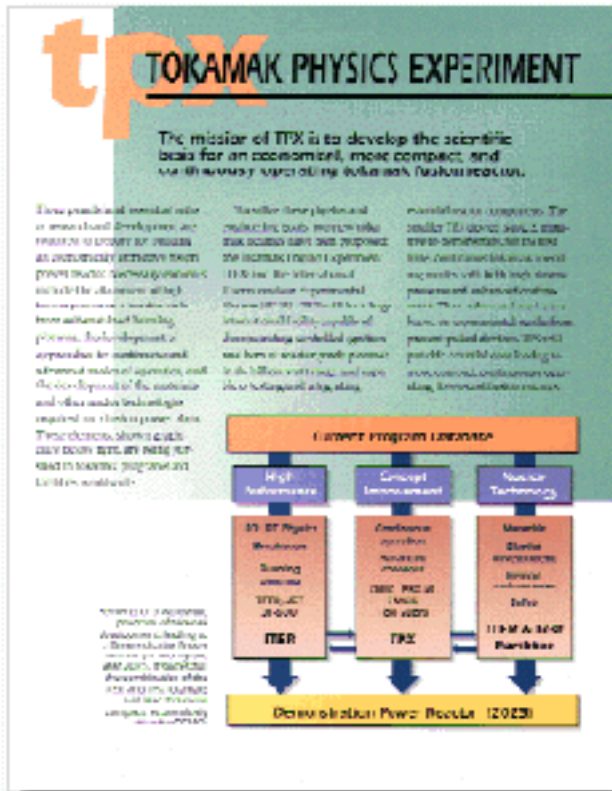
Dual-purpose document designed to be used as a summary of FY94 accomplishments, and as a marketing tool. It is laid out so that the articles can be reprinted individually as data sheets. When the document was completed, the individual articles were separated into PDF files that could be easily

incorporated into a web site for electronic distribution. See related [unused ETP banner](#).

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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[Print](#)[Illustration](#)[On-Line](#)[Other](#)[Previous](#)[Next](#)

Tokamak Physics Experiment

Data Sheet

8.5 x 11 inches, 4 colors, 1 page

Audience: Princeton Plasma Physics Laboratory, Congress, and a general audience.

My role: graphic design, illustration, page layout

Co-designer: Ellen Baldwin

Editor: Gina Kaiper

Data sheet describing the contributions that TPX could make to the National Fusion Program.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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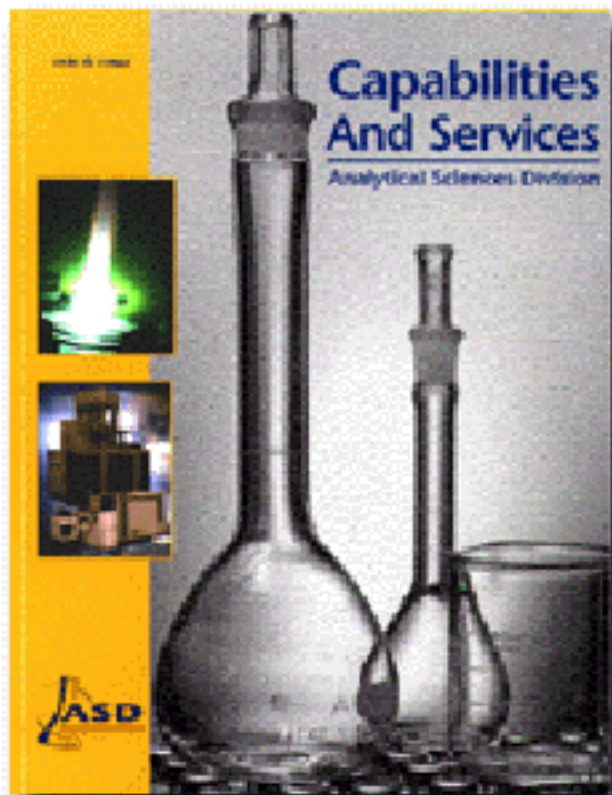
[Illustration](#)

[On-Line](#)

[Other](#)

[Previous](#)

[Next](#)



Analytical Sciences Division

Capabilities and Services

8.5 x 11 inches, 5 colors, 114 pages

Audience: Lawrence Livermore National Laboratory

My role: graphic design, illustration, page layout

Editor: Patricia Boyd

One of three documents produced for ASD in the Chemistry and Materials Science Directorate. It details the division's capabilities and is being used to market their services. ASD also published a brochure and created a web site that describe their services.

This document was separated into PDF files and is available on-line at the ASD web site. See related [ASD web work](#)

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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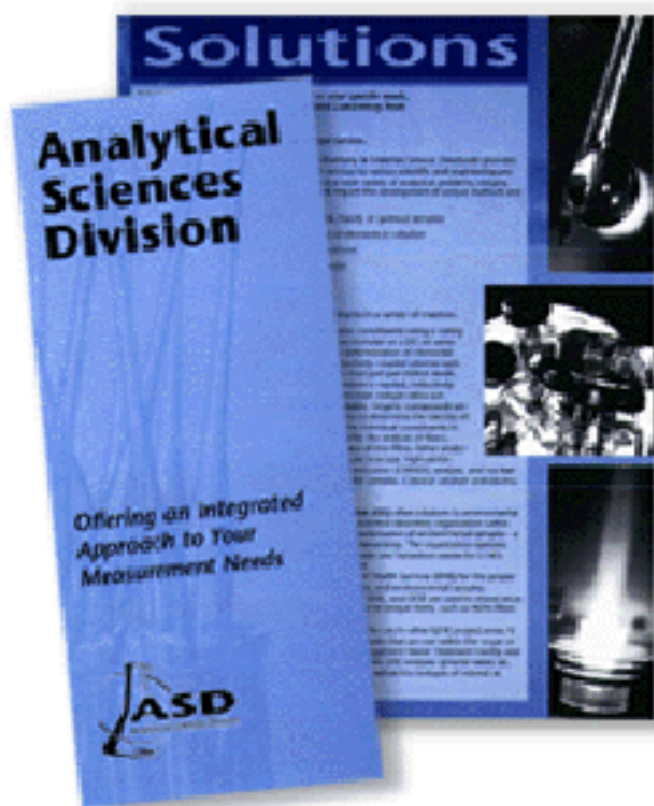
Illustration

On-Line

Other

Previous

Next



Analytical Sciences Division

Services Brochure

8.5 x 11 inches, 2 colors, 3 panel fold

Audience: Lawrence Livermore National Laboratory

My role: graphic design, illustration, page layout

Editor: Patricia Boyd

This brochure is the second part of a package published by ASD. It provides a short overview of services and a list of contacts.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Environmental Restoration/Waste Management-Applied Technology

Semiannual Report

8.5 x 11 inches, 5 colors, 114 pages

Audience: scientific and technical, CEOs, private industry

My role: graphic design, illustration (first two issues), page layout (first two issues)

Editor: Karen Kline-Simon (first two issues)

The second issue of a semiannual report that describes technology developed at LLNL.

This document is now produced by a TID team residing in the program, using the same format.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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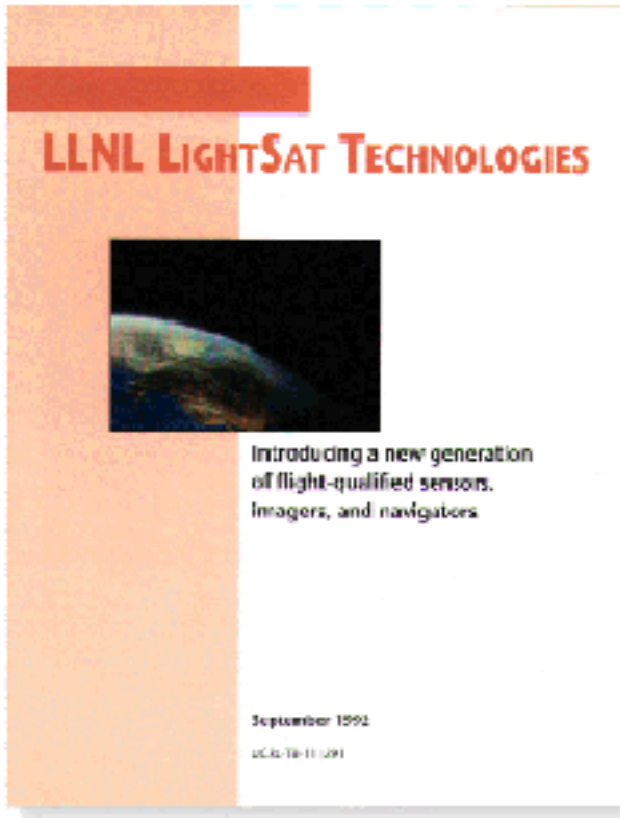
Illustration

On-Line

Other

Previous

Next



LightSat

Brochure

8.5 x 11 inches, 5 colors, 16 pages

Audience: industry

My role: graphic design, prepared customer's illustrations for color printing, page layout

Editor: Marilyn Kamelgarn

Describes LLNL sensor technology available for use in space-based systems.

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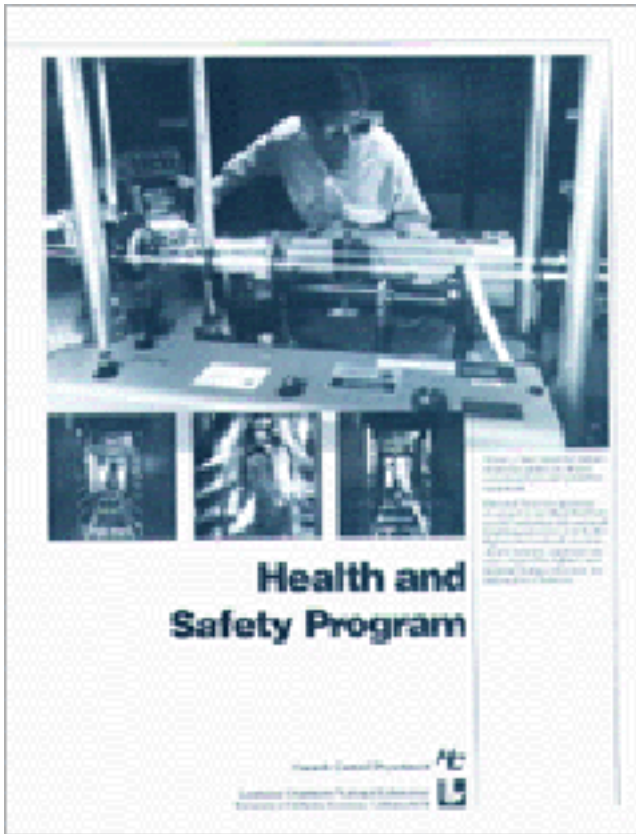
Illustration

On-Line

Other

Previous

Next



Health & Safety

Brochure

8.5 x 11 inches, 1 color, 4 pages

Audience: LLNL employees

My role: graphic design, page layout

Describes the Health and Safety Program at LLNL.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Shuttlebug

Brochure

8.5 x 11 inches, 5 colors, 3 fold

Audience: LLNL employees

My role: preparation of customer's electronic document for offset printing

Published by Fleet Management to introduce and describe a new taxi service. This is a good example of a document for which the customer had a nearly finished product but needed help in preparing it for offset printing.

See related [unused shuttlebug designs](#).

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Print

Illustration

On-Line

Other

Previous

Next



Expanding Your Horizons 1994

Brochure

12 x 9 inches folded 3 times (4 panels), 2 colors

Audience: 12-17 year old women

My role: graphic design, page layout

Listing of events planned for an annual science and math conference for young women. Published as part of LLNL's involvement in the "Expanding Your Horizons" conference at Mills College.

A tee shirt was also produced for use as a uniform to identify volunteers at the event.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Expanding Your Horizons 1995

Brochure

13.5 x 10 inches folded 3 times (4 panels), 2 colors

Audience: LLNL employees

My role: graphic design, page layout

Listing of events planned for an annual science and math conference for young women. Published as part of LLNL's involvement in the "Expanding Your Horizons" conference at Mills College.

A tee shirt was also produced for use as a uniform to identify volunteers at the event.

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Print

Illustration

On-Line

Other

Previous

Next



Computation

Poster

17 x 22 inches folded twice to 8.5 x 11 inches, 5 colors, 2 varnishes

Audience: general public

My role: graphic design, page layout

Co-designer: Ellen Baldwin

Recruiting poster that included enough information to describe the Computation efforts at LLNL but in a form that people would want to display in their offices or on bulletin boards for the widest possible exposure.

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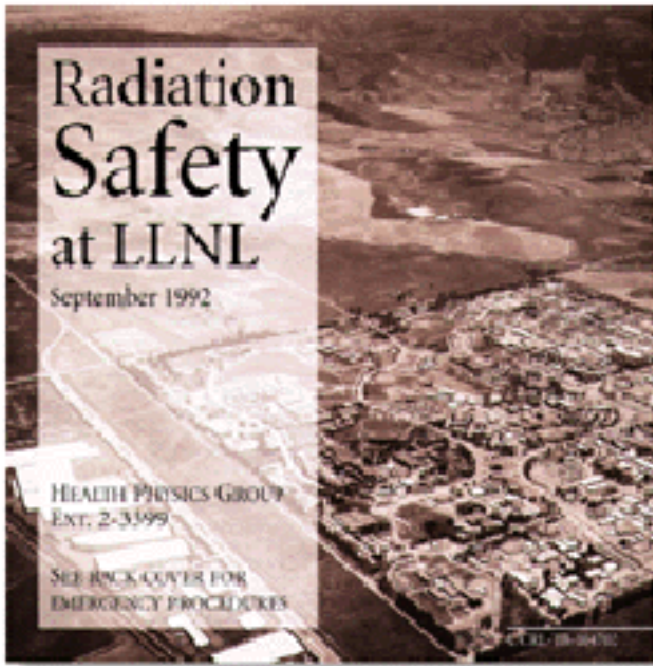
Print

Illustration

On-Line

Other

Previous



Radiation Safety

Brochure

8.5 x 8.5 inches, 5 colors, 24 pages

Audience: LLNL employees

My role: graphic design, illustration, page layout

Editor: Marilyn Kamelgarn

Training document needed to inform employees about radiation safety practices at LLNL. It also lists emergency contacts.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[BACK TO PRINT\]](#)

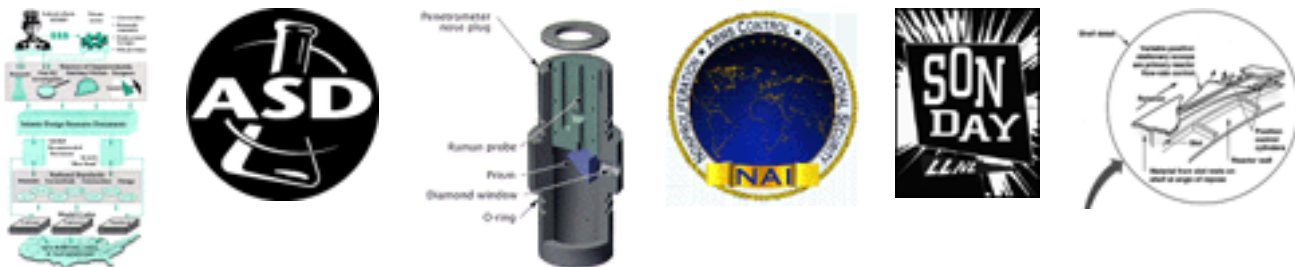


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An llustrator's job is to reformat existing materials for a new purpose. We work from a variety of input ranging from pencil sketches and stick figures to blueprints.

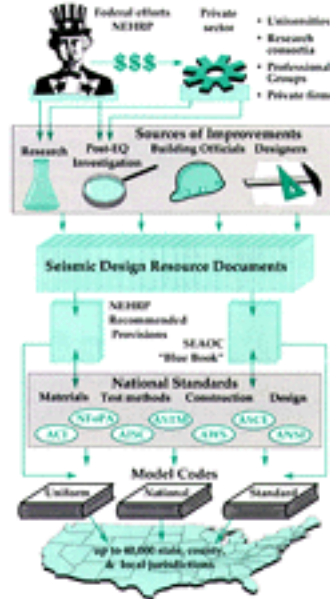
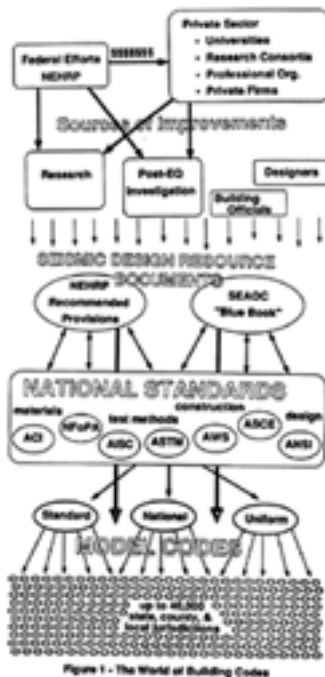
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Print**Illustration****On-Line****Other****Previous****Next**

Phenomenal News

Cover illustration

This illustration was quite a challenge in that it was the cover image for a newsletter. The information was dense, and it needed to be presented in a way that would entice rather than discourage the reader.

Left Draft input

Right new illustration

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print	Illustration	On-Line	Other
Previous		Next	



left draft input

right new set of logos

Analytical Sciences Division

Set of logos

The ASD logo was updated because it was to be included in the cover design of a technical brochure. See [ASD capabilities and Services](#) and [ASD brochure](#)

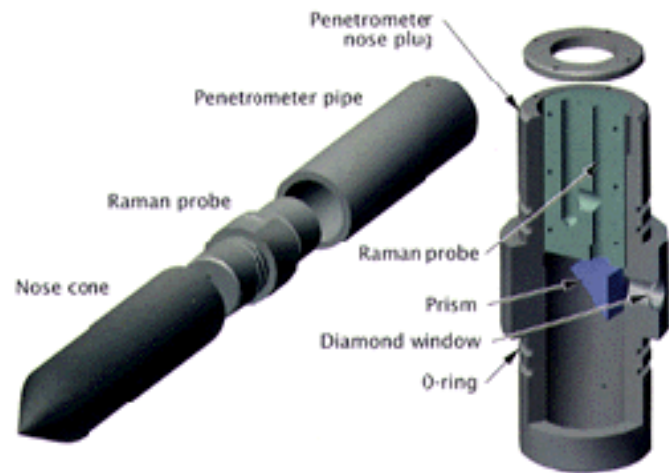
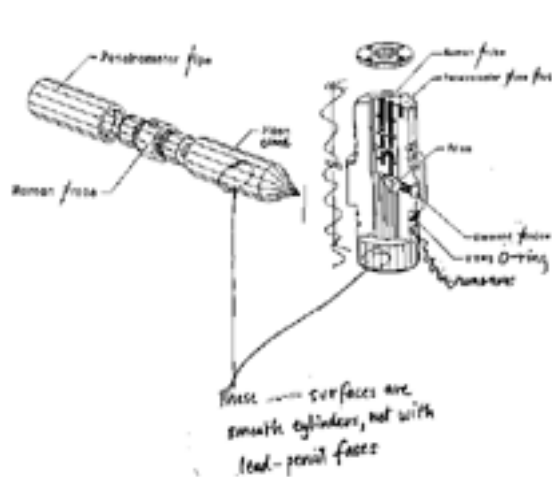
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Left Draft input

Right New illustration

Environmental Technology Program

Penetrometer illustration

This illustration was created using a 3-D modeling application on a Macintosh 7500 computer. This technique has the advantage of allowing me to manipulate the object after it is completed. It can be rotated and viewed from any side; parts can also be cut away as needed. An animation can be generated for use in future projects.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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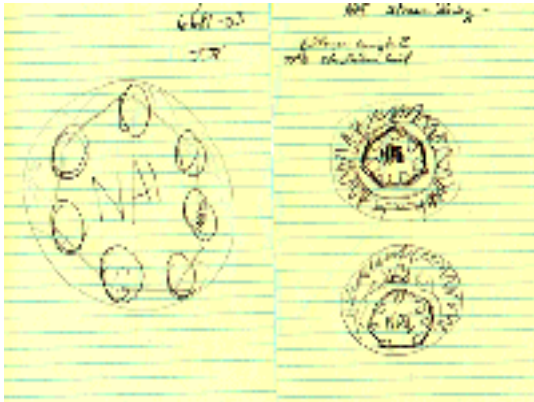
Illustration

On-Line

Other

Previous

Next



Left Input

Right New illustration

Nonproliferation, Arms Control, International Security

Seal

This illustration was used as a cover image on an administrative document.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Son Day 1995

Stickers

These four stickers were used on inexpensive black folders that contained materials recieved by participants in Son Day.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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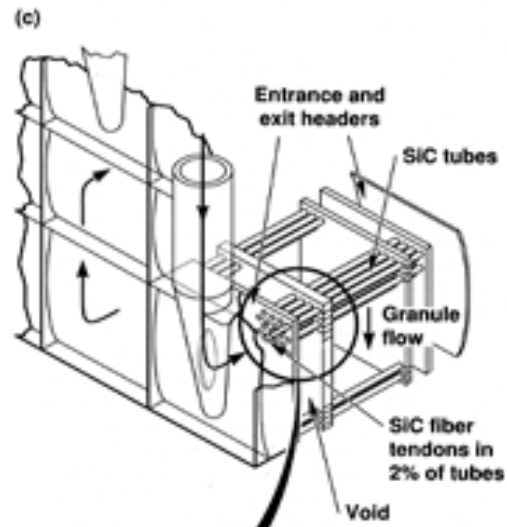
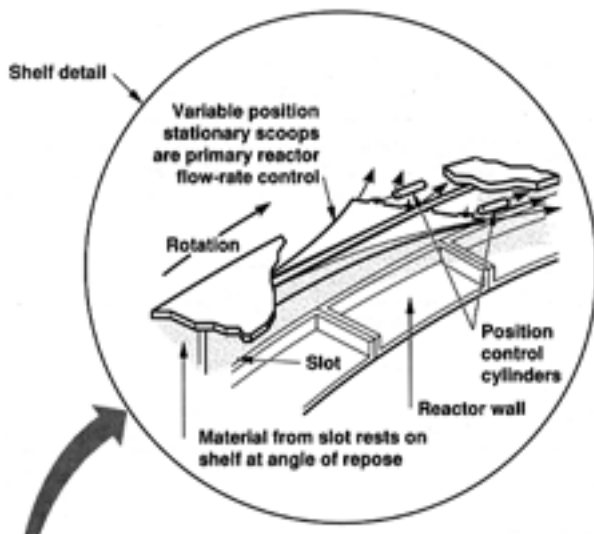
Print

Illustration

On-Line

Other

Previous



Cascade Reactor

Detail of illustrations

Examples of standard technical illustrations.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[BACK TO ILLUSTRATION\]](#)



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[Back Home](#)

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[Print](#)[Illustration](#)[Other](#)[Previous](#)[Next](#)

"What's your web address?", "Is that available on-line?", "We want to put this up on the Web." Everybody is thinking electronic publishing. There are many ways to do it, and the process is evolving rapidly. Here are some examples of On-line work.

Click on an image to find out more about the project.



[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



This web site

This site represents the most extensive on-line work I have done so far. I did all the graphics, HTML coding, and writing myself because I wanted the production experience.

PDF document available

[Download the PDF file \(1.4M\)](#)

This portfolio is available in a [Portable Document Format \(PDF\)](#). It may be downloaded to your computer and viewed with Adobe Acrobat Reader. Adobe has [FREE Acrobat Reader software](#) available that you can download for Macintosh, Windows, DOS, and UNIX systems. You can [integrate Acrobat Reader software](#) as an external viewer or "Helper application" for your browser to view the PDF file automatically. You may want to use the [WWW Viewer test page](#) to help you configure your browser properly.

Thanks to everyone who made comments. A Special thanks to Rita Brosius and Jane Olivera for putting up with my constant questions, and Elaine Price for her sharp editorial eye and red pen.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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[Print](#)[Illustration](#)[On-Line](#)[Other](#)[Previous](#)[Next](#)

Analytical Sciences Division

Analytical Sciences Division

This site is the result of the Division wanting to put the electronic version of a printed document on-line. After their [Capabilities and Services](#) document was printed, I created a web page banner from graphical elements used in the document. The introductory pages were exported to text files and coded with HTML. The remaining pages, the individual descriptions of services, were added without modification as PDF files and can be downloaded from the web site and viewed by anyone who has a correctly configured system (Adobe Acrobat Reader Software).

Visit the [Analytical Sciences Division Capabilities](#) web page.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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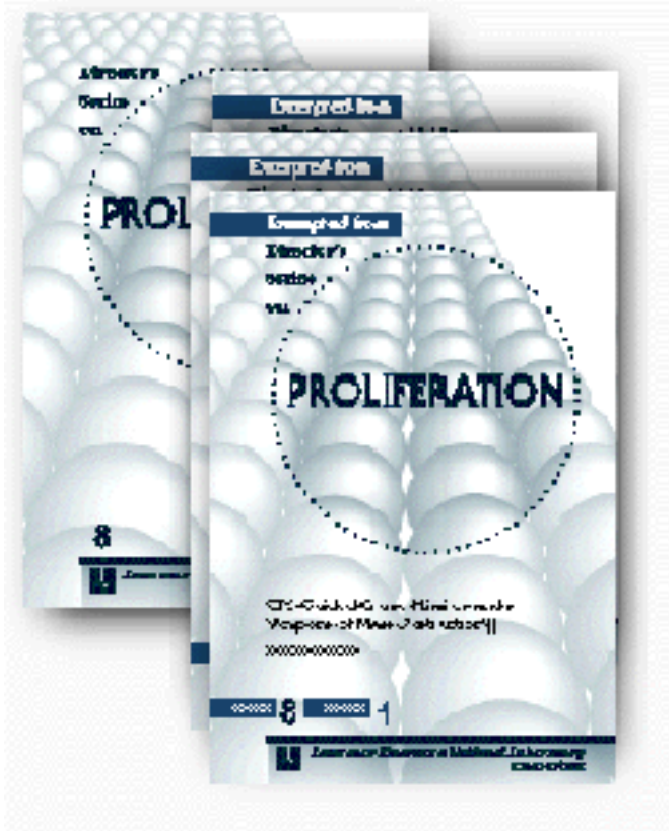
[Illustration](#)

[On-Line](#)

[Other](#)

[Previous](#)

[Next](#)



Proliferation Series

File conversion

Conventional printing methods were originally used to publish this series of documents. The electronic files were converted to PDF files which were then incorporated into the TID electronic Library of the Future. These files can be viewed as an entire document or as individual articles by anyone who has a correctly configured system (Adobe Acrobat Reader Software).

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Argus Documentation

File conversion



This is a series of documents that were printed conventionally and then needed to be made available electronically. There are a total of 41 documents. Each document was created from 1 to 16 individual files. These individual files were combined into PDF files, a single file for each document. Bookmarks were added to correspond with the tables of contents. The documents are stored on a file server to be retrieved by users as necessary.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[BACK TO ON-LINE\]](#)



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[Back Home](#)

ones that
got away

[Print](#)

[Illustration](#)

[On-Line](#)

<IMG W

[Previous](#)

I like to provide more than one design for a project because it allows me to explore alternative ideas and refine my work. Sometimes I develop an idea just for the fun of it. Unfortunately, this means some of my work is never used (unless it can be recycled for another project). Here are some examples of work that was never used.

Click on an image to find out more about the project.



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Print

Illustration

On-Line

Other

Previous

Next



Environmental Technology Program

Banner for web page

Created in anticipation of the customer wanting to put the Environmental Technology Annual Report on-line as a web site. A project that never materialized.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



NAI seal

Ideas for the NAI seal that were not used

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Might Makes Right

Tongue-in-cheek logo for an art group I worked in. The supervisor of the group is a body builder.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous

Next



Team Evil logos

logos designed for a friend who was having a very bad day.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[NEXT\]](#)



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Print

Illustration

On-Line

Other

Previous



Shuttlebug

Brochure

Two alternative designs for the shuttlebug brochures.

[\[HOME\]](#) [\[PRINT\]](#) [\[ILLUSTRATION\]](#) [\[ON-LINE\]](#) [\[OTHER\]](#) [\[PREVIOUS\]](#) [\[BACK TO ONES THAT GOT AWAY\]](#)



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Lawrence Livermore National Laboratory
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[\[HOME\]](#)



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[Back Home](#)

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This document was produced on a Power Macintosh 7500/100 using Microsoft Word 5.1, Netscape 1.1N, Adobe Illustrator 5.5, Adobe Photoshop 3.0, Adobe Distiller 2.0, and Adobe Exchange 2.1.

HTML was coded manually; global corrections were made with HTML Grinder 2.12.

Scanning was done on a LaCie Silverscanner III.

Line art was produced with Adobe Illustrator then rasterized and composited with Adobe Photoshop.

Some documents were scanned from offset-printed copies.

Images were manipulated and saved as 72-dpi GIF files with Adobe Photoshop.

[\[HOME\]](#)



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